



# **Microwave Project Update**

Arizona DPS  
Wireless Systems Bureau

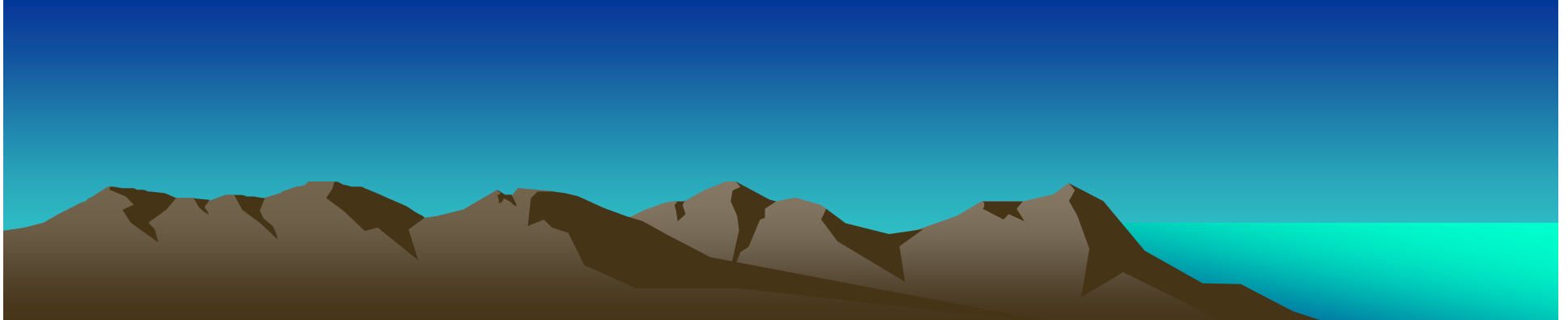
**Kevin Rogers**  
Manager

DPS operates and maintains an analog microwave system connecting over 73 communications sites together.

DPS microwave system serves all State agencies operability communications needs.

Provides service to county and federal users.

The existing system consists of equipment that is no longer manufactured or supported.

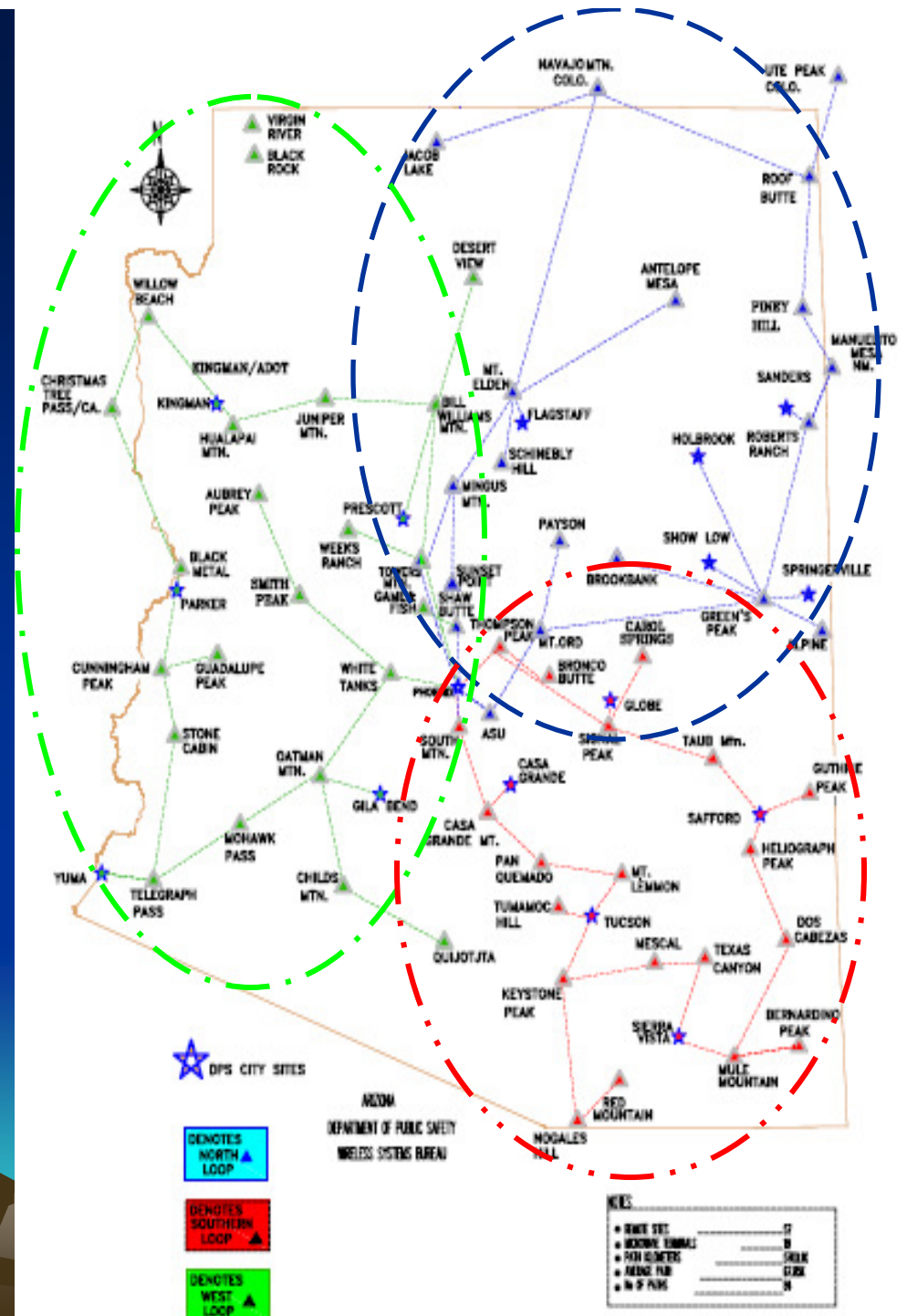


System is comprised  
of 3 independent but  
integrated loops.

Northern Loop

Western Loop

Southern Loop

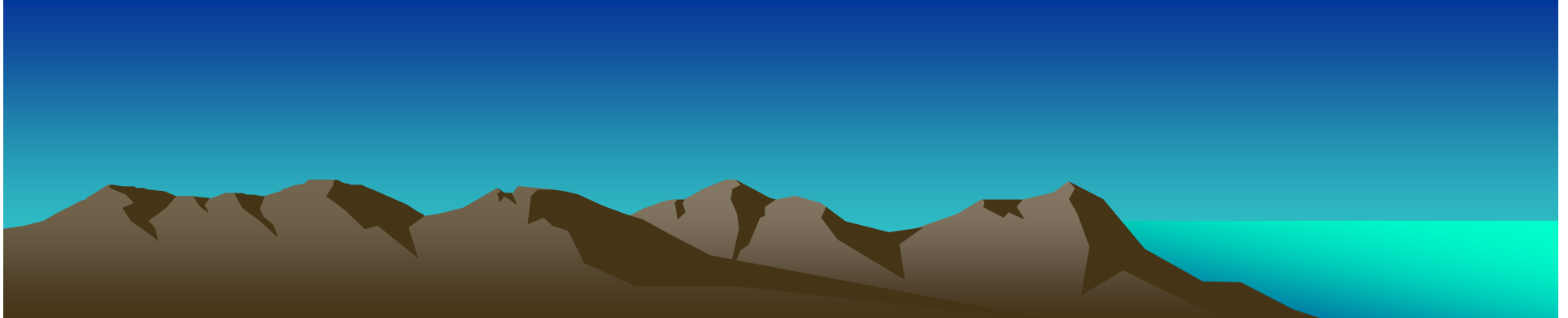


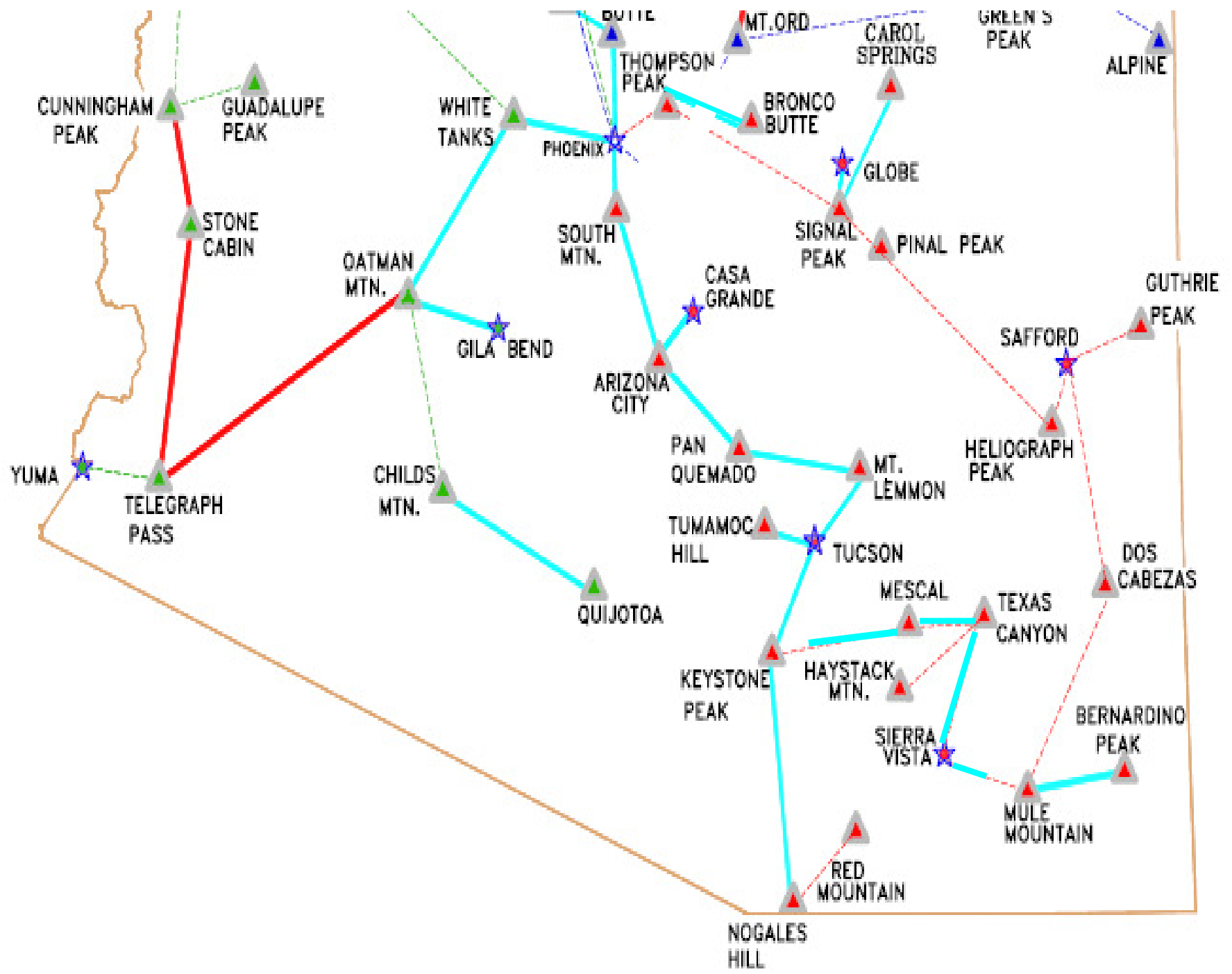
Laws 2006, Chapter 345 (Capital Outlay Bill), appropriated partial funding for replacement of the existing DPS analog microwave system.

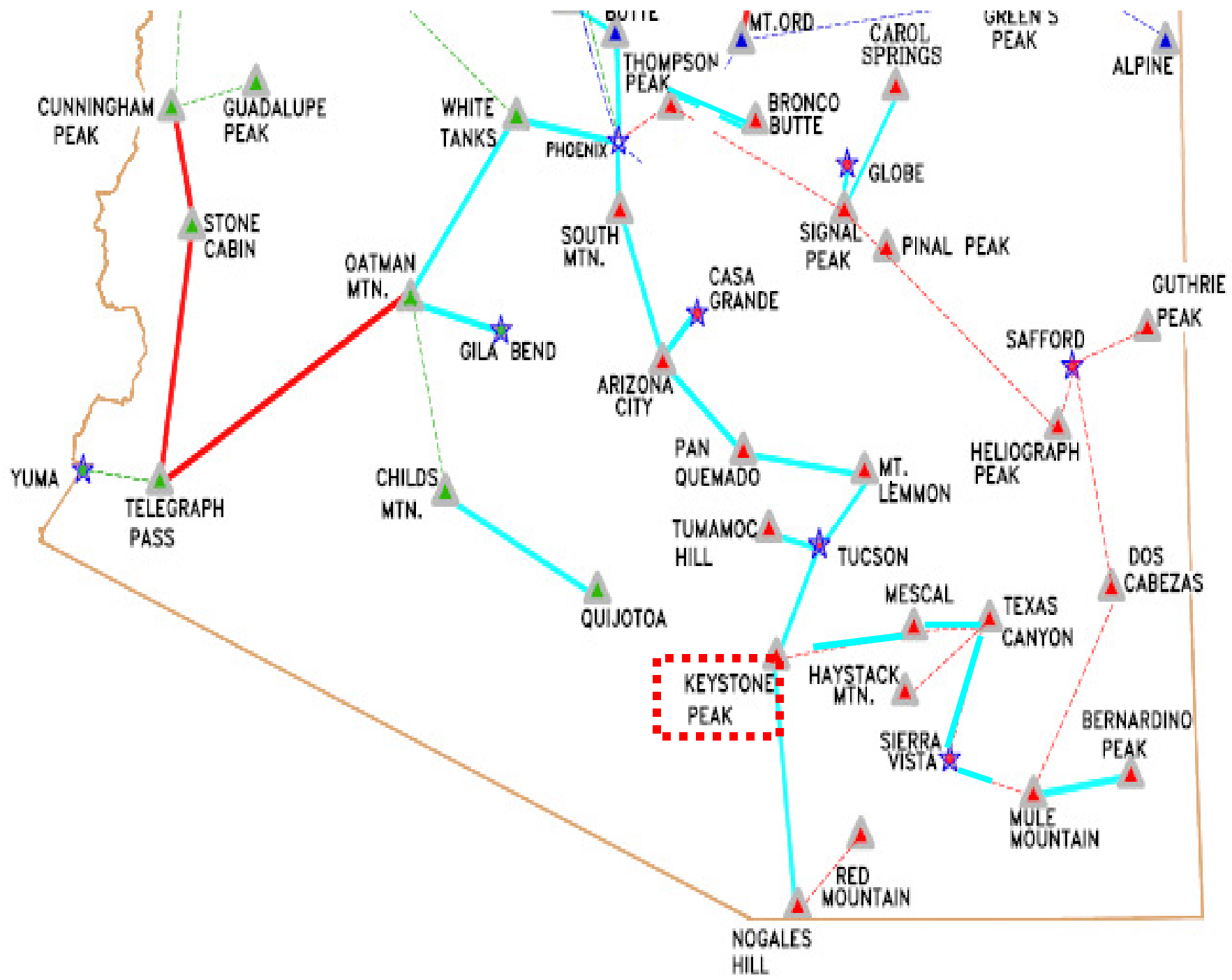
Legislative funding of \$ 2,533,000 per year for FY07/08/09.

Legislative intent, Homeland Security would fund \$ 1,600,000 per year for FY07/08/09.

Funding is for Phase One: DPS Southloop.







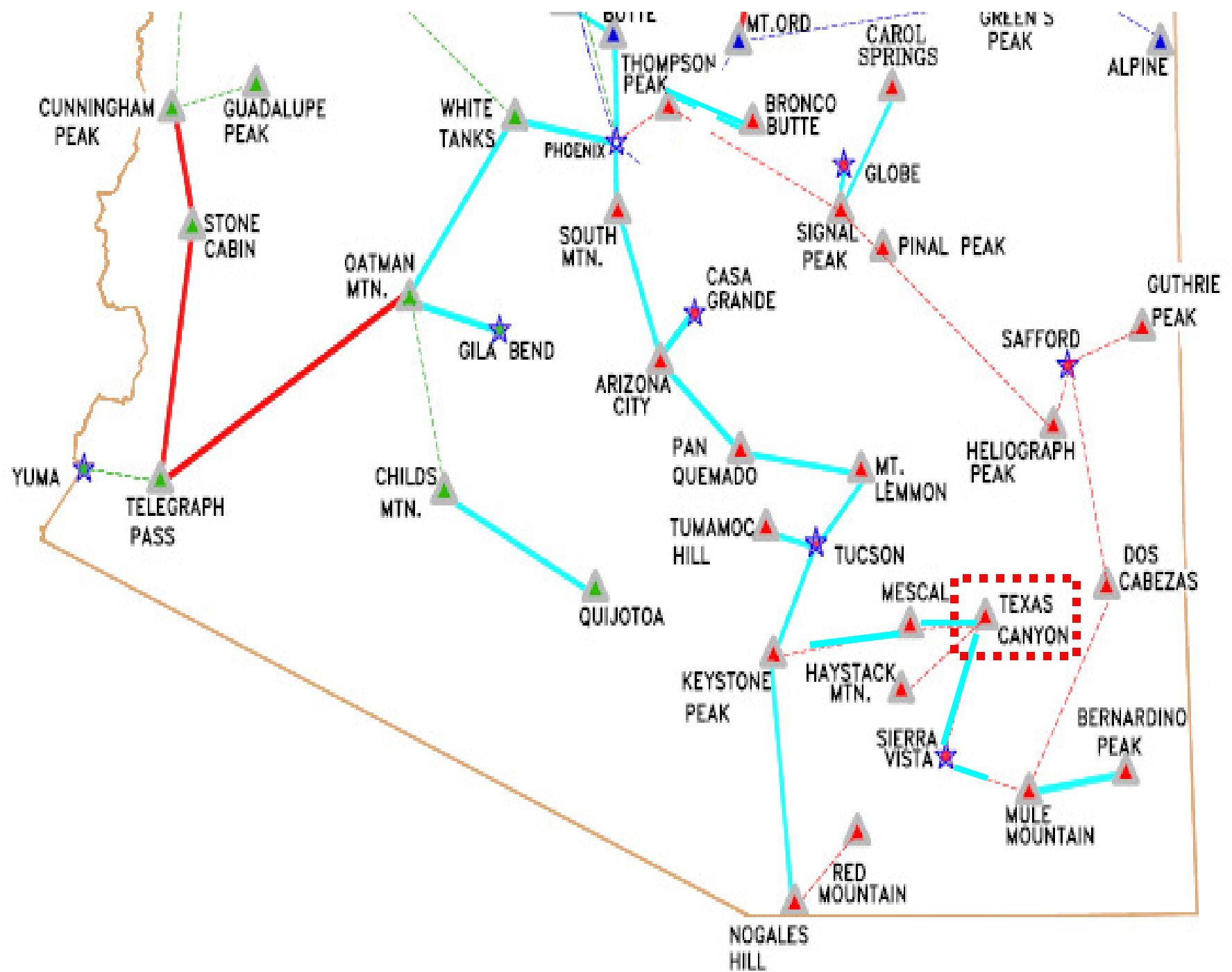
# Keystone Peak

This will be a replacement building and tower on a new plot



- Lease with BLM Complete
- New site has been leveled
- Building, Tower and Generator are in storage
- 300 ft of Chainlink Fence has been ordered





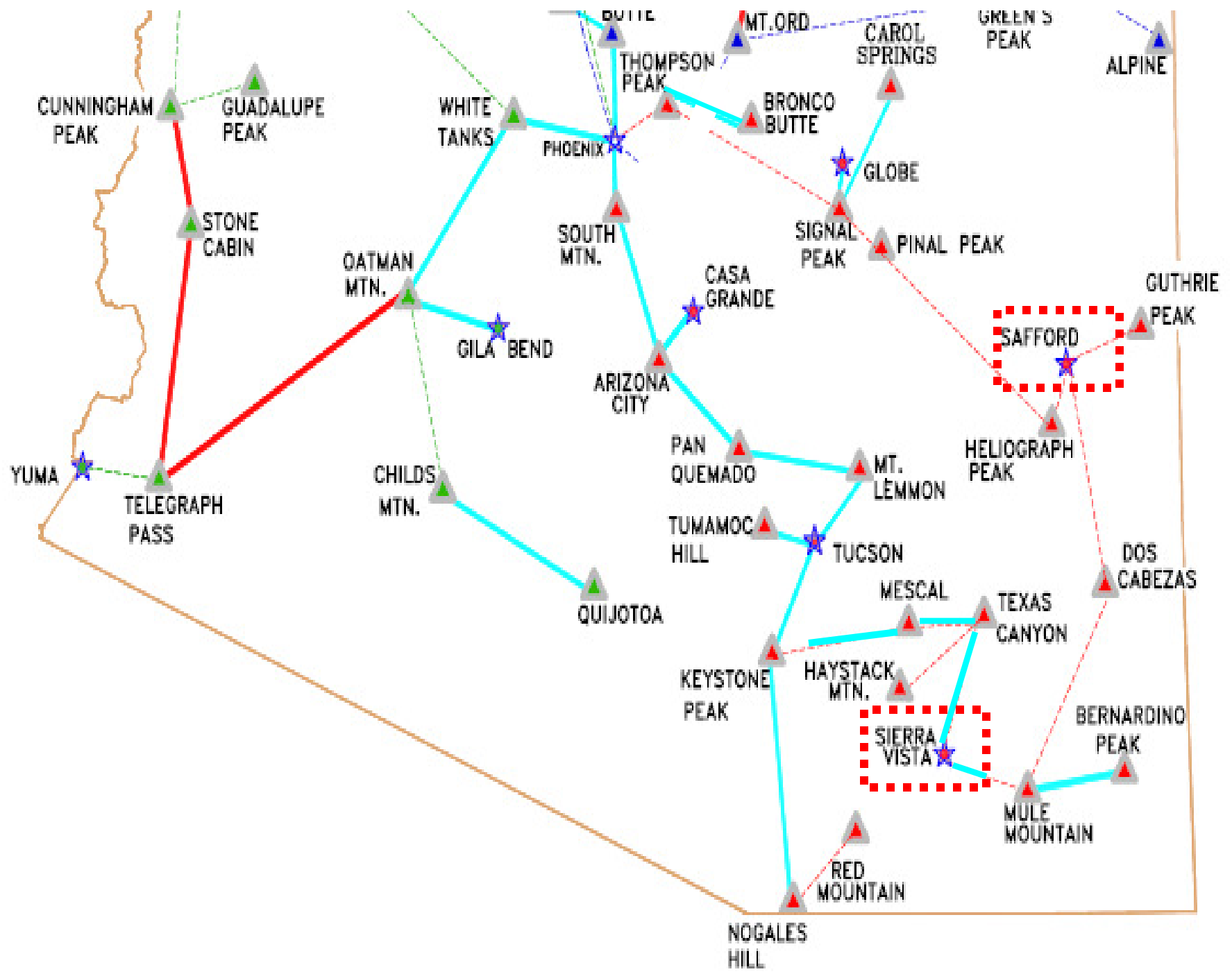


# Texas Canyon

Site requires larger tower.  
Existing building onsite  
is currently adequate.



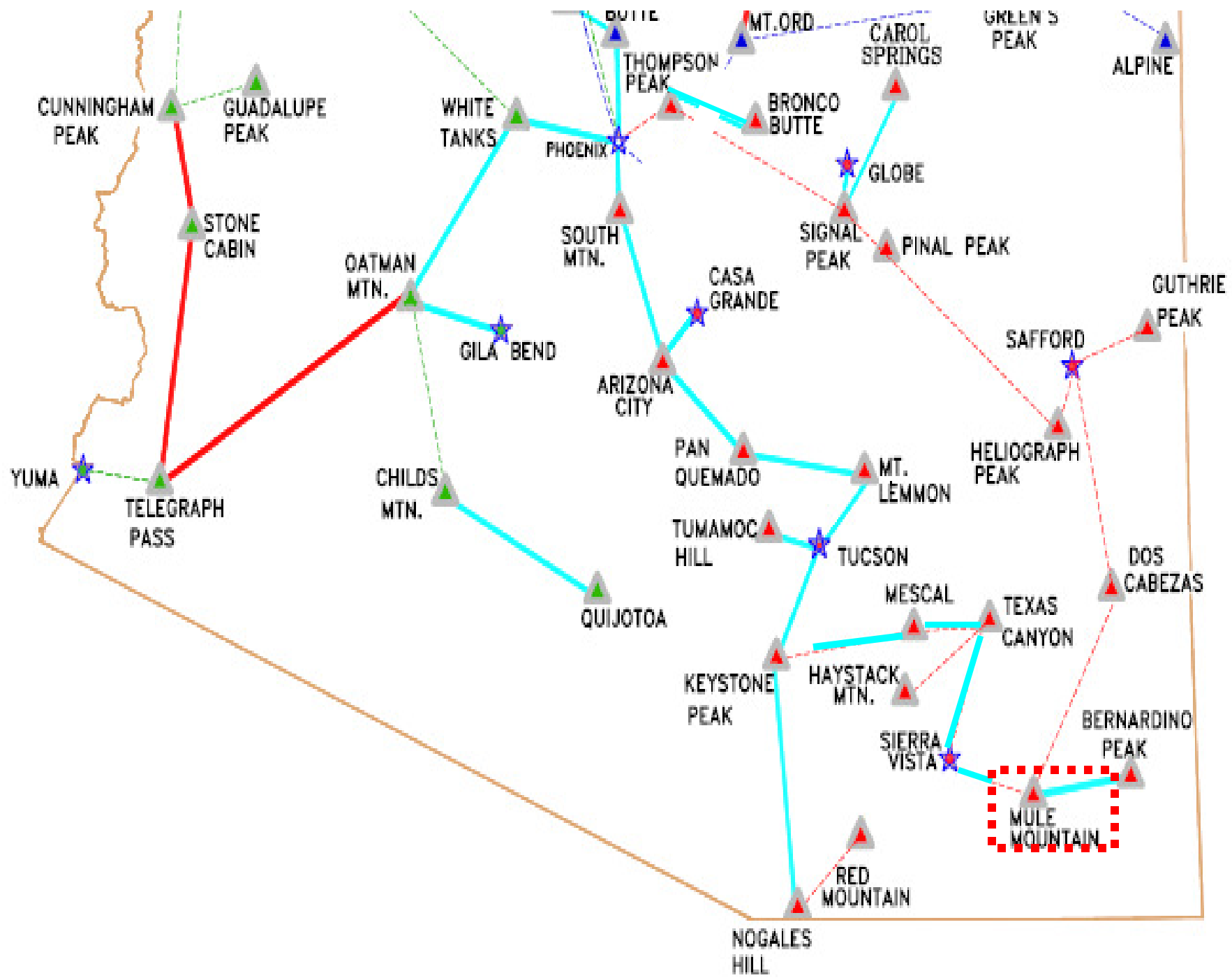
- Site modification request and application has been prepared for main lease holder (Southwest Transmission Cooperative)



# Sierra Vista - Safford

- New 100' towers have been constructed.
- Microwave Dishes installed at Sierra Vista.





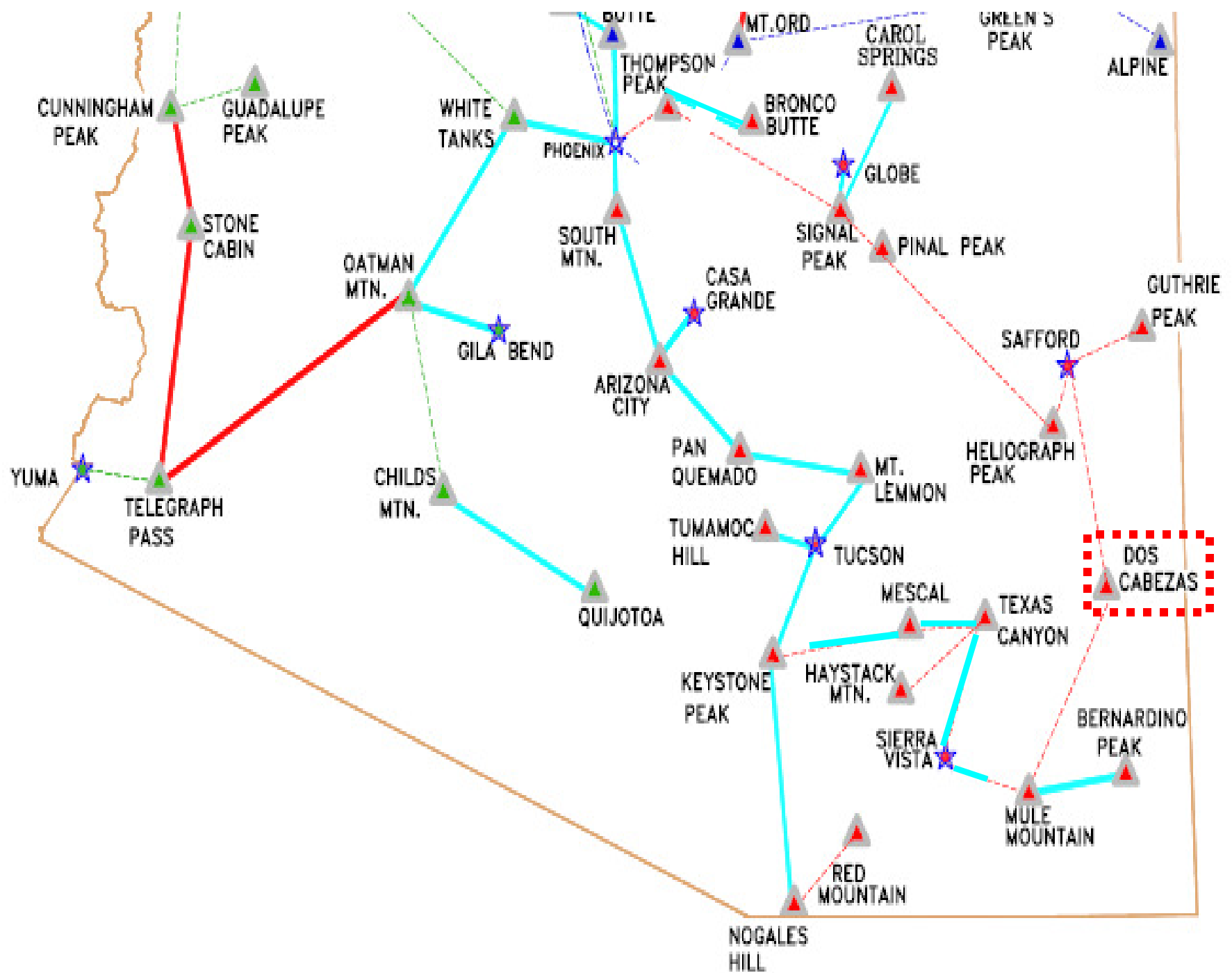
# Mule Mtn

Existing towers and building  
not adequate for required  
equipment



- We are researching an area 300 feet north of our existing lease as a replacement plot for a new building and tower.





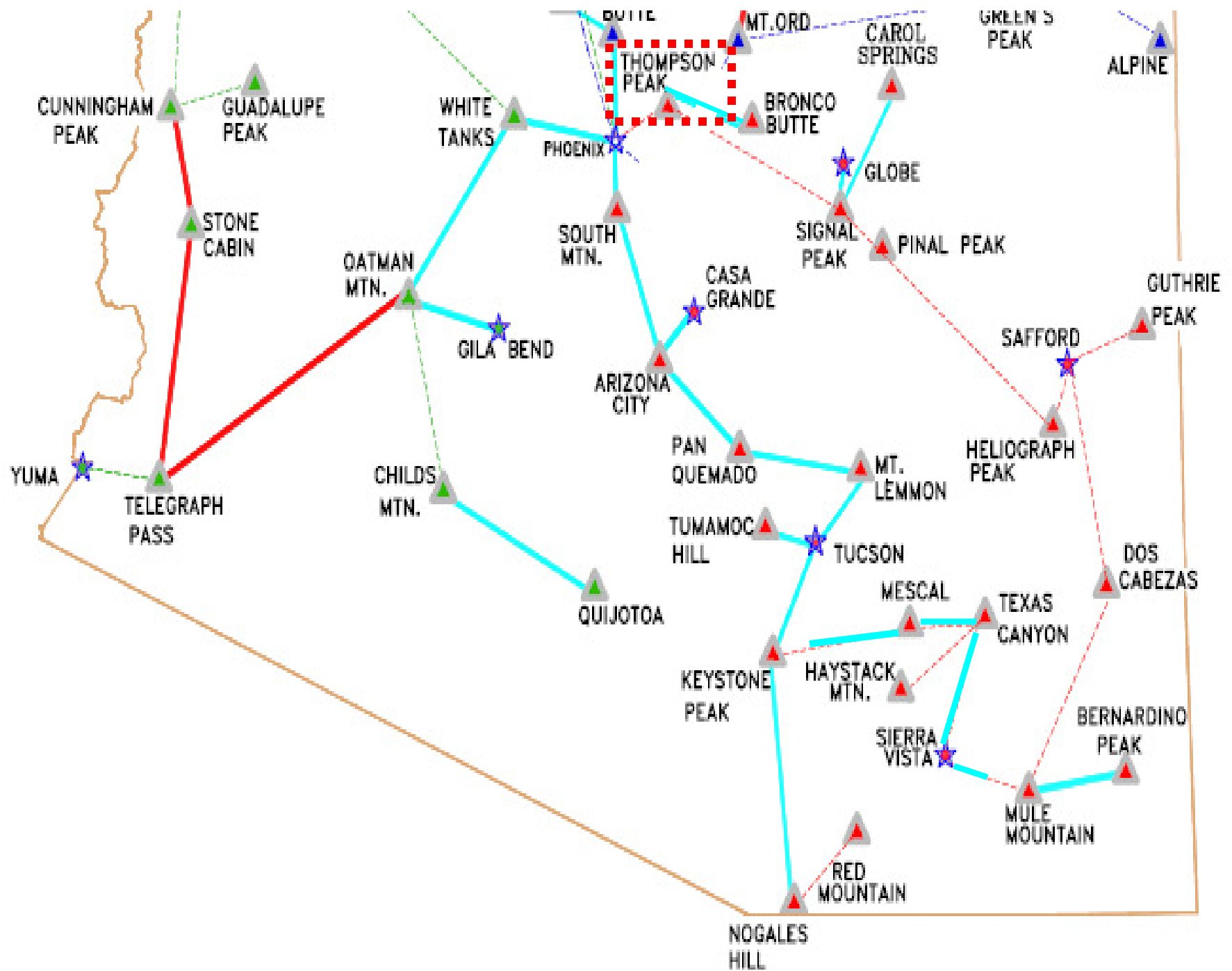


# Dos Cabezas

Current plan is to reuse existing building on site and install a new tower

- State Land application has been submitted.
- Tower is in storage







# Thompson Peak

New building and tower to be added to the site



- We have an IGA to build a site on Thompson Peak
- Tower has been purchased and is in storage



# WIRELESS SYSTEMS BUREAU

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MANAGER**

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